

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L1 | 1846 | 455/13.4,12.1,12.1,429,430.CCLS. | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:31 |
| L2 | 4 | directivity with profile with (filter\$3 or screen\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/14 16:03 |
| L3 | 1 | (directivity with profile) same (filter\$3 or screen\$3) same power same phase | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:34 |
| L4 | 9 | (direct\$6 with profile) same (filter\$3 or screen\$3) same power same phase | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:35 |
| L5 | 8 | (direct\$6 with profile with select\$3) same power same phase | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:36 |
| L6 | 8 | (direct\$6 with profile with select\$3) same power same phase | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:38 |
| L7 | 1436 | (direct\$6 with select\$3) same power same phase | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:39 |
| L8 | 187925 | antenna | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:39 |
| L9 | 314 | 7 and 8 | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:39 |
| L10 | 173 | 7 same 8 | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:40 |
| L11 | 392809 | estimat\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:40 |
| L12 | 14 | 10 same 11 | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:47 |
| L13 | 0 | ((antenna adj2 profile) with best) same directivity same phase | US-PGPUB; USPAT | OR | ON | 2006/10/14 15:49 |
| L14 | 0 | ((antenna adj2 profile) with select\$3) same directivity same phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 15:49 |
| L15 | 0 | ((antenna adj3 profile) with select\$3) same directivity same phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 15:50 |

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| L16 | 1 | ((antenna adj3 profile) with optimi\$6) same directivity same phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 15:51 |
| L17 | 1 | ((antenna adj3 profile) with optimi\$6) same distribut\$3 same phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 15:51 |
| L18 | 3 | (antenna adj3 profile) same distribut\$3 same phase same power | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 15:52 |
| L19 | 1 | (antenna adj3 profiles) same distribut\$3 same phase same power | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/14 15:52 |
| L20 | 28 | (beam adj3 profile) same distribut\$3 same phase same power | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 16:00 |
| L21 | 7 | (power adj3 profile) same distribut\$3 same phase same power same antenna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/14 16:00 |
| L22 | 27 | directivity with profiles | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/14 16:10 |

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| L23 | 15542 | direct\$4 with profiles | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/14 16:11 |
| L24 | 43 | direct\$4 with profiles with antenna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/14 16:25 |
| L25 | 13 | (direct\$4 with profiles with select\$3) same antenna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/14 16:31 |
| L26 | 22 | (direct\$4 adj2 profile) same antenna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/14 16:39 |
| L27 | 1 | optim\$4 adj2 direct\$5 adj2 profile | US-PGPUB; USPAT | OR | OFF | 2006/10/14 16:41 |
| L28 | 3 | (beam adj forming adj profile) | US-PGPUB; USPAT | OR | OFF | 2006/10/14 16:42 |
| L29 | 6242 | (beam adj2 profile) | US-PGPUB; USPAT | OR | OFF | 2006/10/14 16:43 |
| L30 | 2 | ((beam adj2 profile) with select\$3) same antenna | US-PGPUB; USPAT | OR | OFF | 2006/10/14 16:43 |
| L31 | 2 | ((beam adj2 profile) with select\$3) same antenna | US-PGPUB; USPAT | OR | ON | 2006/10/14 16:44 |
| L32 | 20 | ((power adj2 profile) with select\$3) same antenna | US-PGPUB; USPAT | OR | ON | 2006/10/14 16:48 |
| L33 | 42 | (beam with profile with select\$3) same antenna | US-PGPUB; USPAT | OR | ON | 2006/10/14 17:03 |
| L34 | 36 | (beam with profile with (reduc\$3 or filter\$3 or screen\$3 or optimi\$4 or switch\$3 or pick\$3)) same antenna | US-PGPUB; USPAT | OR | ON | 2006/10/14 17:06 |

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|-------|--------|-------------------------------------|--------------------|------------------|---------|------------------|
| L1 | 1 | "20060111149" | US-PGPUB | OR | ON | 2006/10/14 17:56 |
| L2 | 1 | (beam adj selection) with history | US-PGPUB; USPAT | OR | ON | 2006/10/14 17:57 |
| L3 | 2 | (beam near4 selection) with history | US-PGPUB; USPAT | OR | ON | 2006/10/14 17:58 |
| L4 | 20 | beam adj selection adj algorithm | US-PGPUB; USPAT | OR | ON | 2006/10/14 18:00 |
| L5 | 635532 | history or profile | US-PGPUB; USPAT | OR | ON | 2006/10/14 17:59 |
| L6 | 2 | 4 same 5 | US-PGPUB; USPAT | OR | ON | 2006/10/14 17:59 |
| L7 | 46 | (beam adj selection) same downlink | US-PGPUB; USPAT | OR | ON | 2006/10/14 18:00 |